

Project requests for the FY 2010 National Defense Authorization Act

Project: Las Vegas Field Maintenance Shop

Recipient: Nevada Army National Guard - Las Vegas Readiness Center

Address: Las Vegas, NV

Amount of request: \$25,000,000

Explanation of Request: The new Field Maintenance Shop (FMS) is intended to replace the small and deteriorating maintenance shop in Henderson, Nevada. The FMS will replace the overcrowded and substandard maintenance shop currently being utilized and reduce operational costs by co-locating the FMS with current training facilities. The additional space and facilities will result in better maintenance efficiency thus increasing National Guard training and mobilization readiness and enabling supported units to respond to potential state emergencies.

Project: Civil Support Team Ready Building

Recipient: Nevada Army National Guard – Las Vegas Readiness Center

Address: Las Vegas, NV

Amount of request: \$9,084,000

Explanation of Request: The Nevada Army National Guard is in the planning phase for design and construction of a new Civil Support Team facility in Las Vegas, Nevada. The facility is planned in response to a federal directive to establish the 92nd Civil Support Team as part of implementation of the National Defense Authorization Act for FY 2003 and has substantial state support.

A new Civil Support Team facility will provide immediate response capability for the 92nd WMD-CST unit and their equipment in order to support the State of Nevada first responders in the event of chemical, biological, radiological or nuclear attack.

Project: Henderson Readiness Center

Recipient: Nevada Army National Guard – Henderson Complex

Address: Henderson, NV

Amount of request: \$26,573,000

Explanation of Request: With the rapid growth of the State of Nevada in the Las Vegas region, three Military Police (MP) units, of which two are new to the state, will be integrated into this facility. These units will foster a better community relationship, based upon the type of equipment used, training conducted, and support provided.

This facility is required to maintain readiness for peacetime training and ensure the units are prepared for mobilizations. It will provide the necessary administrative, training, supply, classrooms and storage areas required to achieve proficiency in required training tasks.

Project: Enhancing Wound Healing, Tissue Regeneration and Biomarker Discovery

Recipient: Nevada Cancer Institute

Address: 10441 West Twain Avenue, Las Vegas, NV 89135

Amount of request: \$2,500,000

Explanation of Request: This project will develop effective methods that can detect tissue healing peptides/proteins and their distribution during tissue repair and regeneration to enhance wound healing. NVCI will then analyze how each wound healing compound enhances wound healing to determine their potential to synergize with other wound healing agents.

With the high injury rate among soldiers in Iraq and Afghanistan (15 injured for every one killed, estimated to be \$600 billion in future liability), development of therapies that prevent tissue injury and enhance wound healing will have a significant impact on the public health of U.S. veterans. Wound healing is delayed by aging, diabetes, peripheral vascular disease, immunological defects, and renal disease and adversely affected by viral or bacterial infection, obesity, smoking, radiotherapy, and psychological disturbance. Abnormal wound healing induces re-opening the healed wounds, chronic fibrosis, pain, and disability. Previous studies showed wound healing can be enhanced by a number of ways. A fibronectin peptide can reduce the healing time from 20-42 days to 8 days, while both TGF-beta and estrogen can enhance injured skin healing.

Project: Nevada National Guard Counter Drug Program

Recipient: Nevada National Guard

Address: Las Vegas, NV

Amount of request: \$4,250,000

Explanation of Request: Funding will support current operational levels and supplement the equipment capabilities of Nevada Integrated Imagery Network (NIIN) with personnel.

This level of funding would ensure continued sustainment of the NVNG Counter Drug Program and allow for the integration of the NIIN into the fight against illegal narcotics. The Nevada National Guard has already been selected to receive the NIIN, and the request to fund additional personnel for the Counterdrug Program will leverage the imagery strengths of the Nevada National Guard in the fight against the drug epidemic.

Project: Las Vegas Regional Training Institute

Recipient: Nevada Army National Guard - Floyd Edsall Training Center

Address: Las Vegas, NV

Amount of request: \$41,729,000

Explanation of Request: The Nevada Army National Guard is in the planning phase for design and construction of a new Regional Training Institute in order to accommodate the rapid growth of Soldiers in Southern Nevada. There is no RTI in Southern Nevada to adequately house and train Soldiers. Our current RTI in Northern Nevada was built in 1942 and is currently outdated and inadequate to house and train our Soldiers.

Project: Nevada Air National Guard Scatthe View

Recipient: Nevada Air National Guard

Address: Carson City, NV

Amount of Request: \$1,100,000

Explanation of Request: Funding will support the continuance of the Podded Reconnaissance System, also known as SCATHE VIEW, to provide ground and air forces critical real-time intelligence for domestic disaster relief operations and war fighter requirements.

Project: Scathe View Hyper-Spectral Imagery Upgrade

Recipient: Nevada Air National Guard

Address: Carson City, NV

Amount of Request: \$5,400,000

Explanation of Request: Improved imagery products will allow the Nevada Air National Guard to provide better products to war fighting commanders when deployed. Additionally it is frequently tasked to support emergencies in missions such as wild fires, search and rescue, and other support missions to civilian authorities throughout the state, region and nation. The Scathe View system has participated in the imagery collection of several hurricane devastated areas in other states it is commonly requested for support of firefighting and search and rescue operations in neighboring states. Products produced by the Scathe View have been a key product in developing situational awareness for commanders on the ground and at higher levels of command.

The State sponsored Defense Support to Civil Authorities produces requirements to determine chemical spills, determine location of metallurgic material and locate and identify items. Most of these items tasked for imagery collection cannot be located in the visible light or infrared spectrum of the current imaging capabilities of the existing Scathe View platform.

Project: Nevada National Guard Joint Operation Center Communication Network

Recipient: Nevada National Guard

Address: Carson City, NV

Amount of Request: \$1,000,000

Explanation of Request: The Nevada National Guard is frequently tasked to support emergencies such as wild fires, search and rescue, and other support missions to civilian authorities throughout the state. The system will greatly enhance our ability to operate, improve command and control, and provide enhanced and situational awareness of operations for the Joint Operations Center. This system provides the ability to effectively assess missions and rapidly deploy assets, which are necessary for directing, coordinating and managing the NVNG's response to acts of terrorism, natural disasters or other emergencies. This solution provides complete network interoperability for the military and civilian agencies conducting operations from the Joint Operation Center.